

## HAZARDS IDENTIFICATION

(ANSI Section 3)

**Primary route(s) of exposure :** Inhalation, skin contact, eye contact, ingestion.

**Effects of overexposure :**

**Inhalation :** Irritation of respiratory tract. Prolonged inhalation may lead to coughing.

**Skin contact :** Irritation of skin.

**Eye contact :** Irritation of eyes. Prolonged or repeated contact can cause tearing of eyes, redness of eyes.

**Ingestion :** Ingestion may cause nausea, gastro-intestinal disturbances, abdominal pain.

**Medical conditions aggravated by exposure :** Eye, skin, respiratory disorders respiratory disorders

## FIRST-AID MEASURES

(ANSI Section 4)

**Inhalation :** Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort.

**Skin contact :** Wash thoroughly with soap and water. If any product remains, gently rub petroleum jelly, vegetable or mineral/baby oil onto skin. Repeated applications may be needed. Remove contaminated clothing. Wash contaminated clothing before re-use.

**Eye contact :** Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.

**Ingestion :** If swallowed, obtain medical treatment immediately.

## FIRE-FIGHTING MEASURES

(ANSI Section 5)

**Fire extinguishing media :** Dry chemical or foam water fog. Carbon dioxide. Closed containers may burst if exposed to extreme heat or fire. In closed tanks, water or foam may cause frothing or eruption.

**Fire fighting procedures :** Water may be used to cool and protect exposed containers. Firefighters should use full protective clothing, eye protection, and self-contained breathing apparatus.

**Hazardous decomposition or combustion products :** Carbon monoxide, carbon dioxide. Oxides of calcium.

## ACCIDENTAL RELEASE MEASURES

(ANSI Section 6)

**Steps to be taken in case material is released or spilled :** Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Evacuate all unnecessary personnel. Place collected material in proper container. Small spills - use absorbent to pick up residue and dispose of properly.

## HANDLING AND STORAGE

(ANSI Section 7)

**Handling and storage :** Store below 100f (38c). Keep from freezing.

**Other precautions :** Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

(ANSI Section 8)

**Respiratory protection :** Control environmental concentrations below applicable exposure standards when using this material. When respiratory protection is determined to be necessary, use a NIOSH/MSHA (Canadian z94.4) Approved elastomeric sealing- surface facepiece respirator outfitted with organic vapor cartridges and paint spray (dust/mist) prefilters. Determine the proper level of protection by conducting appropriate air monitoring. Consult 29CFR1910.134 For selection of respirators (Canadian z94.4).

**Ventilation :** Provide dilution ventilation or local exhaust to prevent build-up of vapors.

**Personal protective equipment :** Eye wash, safety shower, safety glasses or goggles. Impervious gloves, impervious clothing.

## STABILITY AND REACTIVITY

(ANSI Section 10)

**Under normal conditions :** Stable see section 5 fire fighting measures

**Materials to avoid :** Oxidizers, acids.

**Conditions to avoid :** Elevated temperatures, contact with oxidizing agent, freezing, sparks, open flame.

**Hazardous polymerization :** Will not occur

## TOXICOLOGICAL INFORMATION

(ANSI Section 11)

**Supplemental health information :** No additional effects are anticipated

**Carcinogenicity :** Contains formaldehyde, a potential cancer hazard. Rats exposed to formaldehyde via inhalation developed cancer of the nasal cavity. Evidence in humans is limited (nasal and nasopharyngeal cancer). Formaldehyde is listed as a carcinogen by OSHA, probable human carcinogen (group 2a) by IARC, and anticipated human carcinogen by NTP. Overexposure can cause eye, skin, and respiratory tract irritation, and skin and respiratory sensitization.

**Reproductive effects :** No reproductive effects are anticipated

**Mutagenicity :** No mutagenic effects are anticipated

**Teratogenicity :** No teratogenic effects are anticipated

## ECOLOGICAL INFORMATION

(ANSI Section 12)

No ecological testing has been done by ICI paints on this product as a whole.

## DISPOSAL CONSIDERATIONS

(ANSI Section 13)

**Waste disposal :** Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

## REGULATORY INFORMATION

(ANSI Section 15)

As of the date of this MSDS, all of the components in this product are listed (or are otherwise exempt from listing) on the TSCA inventory. This product has been classified in accordance with the hazard criteria of the CPR (controlled products regulations) and the MSDS contains all the information required by the CPR.

Physical Data (ANSI Sections 1, 9, and 14)

| Product Code | Description                        | Wt. / Gal. | VOC gr. / ltr. | % Volatile by Volume | Flash Point | Boiling Range | HMIS | DOT, proper shipping name         |
|--------------|------------------------------------|------------|----------------|----------------------|-------------|---------------|------|-----------------------------------|
| 1010-1200    | ultra-hide stain jammer waterborne | 10.74      | 40.26          | 60.80                | none        | 212-212       | *310 | paint ** protect from freezing ** |

Ingredients Product Codes with % by Weight (ANSI Section 2)

| Chemical Name  | Common Name      | CAS. No.   | 1010-1200 |
|--|------------------|------------|-----------|
| limestone  | limestone        | 1317-65-3  | 10-20     |
| titanium oxide   | titanium dioxide | 13463-67-7 | 10-20     |
| propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol  | texanol          | 25265-77-4 | 1-5       |
| 2-propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate | acrylic polymer  | 25852-37-3 | 10-20     |
| formaldehyde   | formaldehyde     | 50-00-0    | LT .01    |
| water  | water            | 7732-18-5  | 40-50     |
| acrylic resin  | acrylic resin    | Sup. Conf. | 10-20     |

Chemical Hazard Data (ANSI Sections 2, 8, 11, and 15)

|                  |            | ACGIH-TLV  |          |          |          | OSHA-PEL   |          |          |          | S.R. Std. | S2 | S3 | CC |   |   |   |   |   |  |
|------------------|------------|------------|----------|----------|----------|------------|----------|----------|----------|-----------|----|----|----|---|---|---|---|---|--|
| Common Name      | CAS. No.   | 8-Hour TWA | STEL     | C        | S        | 8-Hour TWA | STEL     | C        | S        |           |    |    |    | H | M | N | I | O |  |
| limestone        | 1317-65-3  | 10 mg/m3   | not est. | not est. | not est. | 5 mg/m3    | not est. | not est. | not est. | not est.  | n  | n  | n  | n | n | n | n |   |  |
| titanium dioxide | 13463-67-7 | 10 mg/m3   | not est. | not est. | not est. | 10 mg/m3   | not est. | not est. | not est. | not est.  | n  | n  | n  | n | n | n | n |   |  |
| texanol          | 25265-77-4 | not est.   | not est. | not est. | not est. | not est.   | not est. | not est. | not est. | not est.  | n  | n  | n  | n | n | n | n |   |  |
| formaldehyde     | 50-00-0    | not est.   | not est. | 0.3 ppm  | not est. | 0.75 ppm   | 2 ppm    | not est. | not est. | not est.  | y  | y  | y  | y | n | y | y |   |  |

**Footnotes:**

C=Ceiling - Concentration that should not be exceeded, even instantaneously.

S=Skin - Additional exposure, over and above airborne exposure, may result from skin absorption.

n/a=not applicable

not est=not established

CC=CERCLA Chemical

ppm=parts per million

mg/m3=milligrams per cubic meter

Sup Conf=Supplier Confidential

S2=Sara Section 302 EHS

S3=Sara Section 313 Chemical

S.R.Std.=Supplier Recommended Standard

H=Hazardous Air Pollutant, M=Marine Pollutant

P=Pollutant, S=Severe Pollutant

Carcinogenicity Listed By:

N=NTP, I=IARC, O=OSHA, y=yes, n=no